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Run on: Sept-ember 3, 2002, 03:16:38 ; Search time 46.74 Seconds (without alignments)
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GenCore version 4.5

OM nucleic - nucleic search, using sw model

Parameter	Value
Title:	US-09-802-359B-1
Perfect score:	22
Sequence:	tgactgtgaaacgttcgagatga 22
Scoring table:	IDENTITY_NUC
	Gapop 10.0 , Gapext 1.0
Searched:	383533 seqs, 122816752 residues
Total number of hits satisfying chosen parameters:	767066
Minimum DB seq length:	0
Maximum DB seq length:	200000000
Post-processing:	Minimum Match 0% Maximum Match 100% Listing first 45 summaries
Database :	Issued_Patents_NA:*
	1: /cgn2_6/prodata/1/ina/5A_COMB.seq:*
	2: /cgn2_6/prodata/1/ina/5B_COMB.seq:*
	3: /cgn2_6/prodata/1/ina/6A_COMB.seq:*
	4: /cgn2_6/prodata/1/ina/6B_COMB.seq:*
	5: /cgn2_6/prodata/1/ina/PCTRUS_COMB.seq:*
	6: /cgn2_6/prodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	20.4	92.7	22	US-09-092-314-2
2	18.8	85.5	22	US-09-092-314-1
3	18.8	85.5	22	US-09-092-314-3
4	18.8	85.5	22	US-09-092-314-10
5	17.2	78.2	22	US-09-092-314-4
6	15.6	70.9	22	US-09-092-314-5
7	15.6	70.9	22	US-09-092-314-7
8	15.6	70.9	22	US-09-092-314-8
9	15.6	70.9	1418	US-08-391-615-7
10	15.6	70.9	1830	US-09-019-931-2
11	15.6	70.9	2505	US-08-391-615-1
12	15.6	70.9	6909	US-08-004-195-1
13	15.6	70.9	6909	US-08-058-340-1
14	15.6	70.9	6909	US-08-746-111-26
15	15.2	69.1	1892	US-08-333-770C-66
16	15.2	69.1	6638	US-08-070-301-2
17	15.2	67.3	882	US-08-022-334-4
18	14.8	67.3	1	US-08-086-933A-34
19	14.6	66.4	4	US-08-086-933A-34
20	14.6	66.4	404	US-09-060-756-303
21	14.6	66.4	913	US-08-975-316-61
22	14.6	66.4	1532	US-09-118-334-1
23	14.6	66.4	1614	US-09-046-894-29
24	14.6	66.4	2001	US-09-041-587-2
25	14.6	66.4	2694	US-08-975-703-5
26	14.6	66.4	2694	US-09-515-884-5
27	14.6	66.4	5408	US-08-471-056-20

ALIGNMENTS

QY	Db	Sequence
	1	tgactgtgaaacgttcgagatga 22

RESULT 1

US-09-092-314-2

Sequence 2, Application US/09092314
 Patent No. 6225292

GENERAL INFORMATION:

APPLICANT: Roman, Mark

TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory Sequence Activity

Patent No. 6225292

FILE REFERENCE: 6510-173US1

CURRENT APPLICATION NUMBER: US/09/092, 314

CURRENT FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/048, 794

PRIOR FILING DATE: 1997-06-06

NUMBER OF SEQ ID NOS: 11

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO: 2

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Oligonucleotide

US-09-092-314-2

Query Match Best Local Similarity 92.7%; Score 20.4; DB 4; Length 22; Matches 21; Conservative 0; Mismatches 1; Indels 0

QY 1 tgactgtgaaacgttcgagatga 22

Db 1 tgactgtgaaacgttcgagatga 22

RESULT 2

US-09-092-314-1

Sequence 1, Application US/09092314

Patent No. 6225292

GENERAL INFORMATION:

APPLICANT: Raz, Eyal

APPLICANT: Roman, Mark

TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory Sequence Activity

TITLE OF INVENTION: Sequence Activity

Patent No. 6225292

FILE REFERENCE: 6510-173US1

CURRENT APPLICATION NUMBER: US/09/092, 314

CURRENT FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/048, 794

PRIOR FILING DATE: 1997-06-06

```

NUMBER_OF SEQ_ID_NOS: 11
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ_ID_NO 1
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER_INFORMATION: Oligonucleotide
US-09-092-314-1

Query Match 85.5%; Score 18.8; DB 4; Length 22;
Best Local Similarity 90.9%; Pred. No. 0.36; Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1 tgactgtgacgttcagatga 22
Db 1 tgactgtgaaaccttagatga 22

RESULT 3
US-09-092-314-3
Sequence 3, Application US/09092314
; Sequence 3, Application US/09092314
PATENT_NO. 6225292
GENERAL_INFORMATION:
APPLICANT: Raz, Eyal
TITLE_OF_INVENTION: Inhibitors of DNA Immunostimulatory
SEQUENCE_ACTIVITY: Sequence Activity
PATENT_NO. 6225292
FILE_REFERENCE: 6510-173US1
CURRENT_APPLICATION_NUMBER: US/09/092, 314
CURRENT_FILING_DATE: 1998-06-05
PRIOR_APPLICATION_NUMBER: 60/048, 794
PRIOR_FILING_DATE: 1997-06-05
NUMBER_OF_SEQ_ID_NOS: 11
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ_ID_NO 3
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER_INFORMATION: Oligonucleotide
US-09-092-314-3

Query Match 85.5%; Score 18.8; DB 4; Length 22;
Best Local Similarity 90.9%; Pred. No. 0.36; Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1 tgactgtgacgttcagatga 22
Db 1 tgactgtgaaaccttagatga 22

RESULT 4
US-09-092-314-10
Sequence 10, Application US/09092314
; Sequence 10, Application US/09092314
PATENT_NO. 6225292
GENERAL_INFORMATION:
APPLICANT: Raz, Eyal
TITLE_OF_INVENTION: Inhibitors of DNA Immunostimulatory
SEQUENCE_ACTIVITY: Sequence Activity
PATENT_NO. 6225292
FILE_REFERENCE: 6510-173US1
CURRENT_APPLICATION_NUMBER: US/09/092, 314
CURRENT_FILING_DATE: 1998-06-05
PRIOR_APPLICATION_NUMBER: 60/048, 794
PRIOR_FILING_DATE: 1997-06-06
NUMBER_OF_SEQ_ID_NOS: 11
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ_ID_NO 10
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
US-09-092-314-10

Query Match 85.5%; Score 18.8; DB 4; Length 22;
Best Local Similarity 90.9%; Pred. No. 0.36; Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1 tgactgtgacgttcagatga 22
Db 1 tgactgtgaaaccttagatga 22

RESULT 5
US-09-092-314-4
Sequence 4, Application US/09092314
; Sequence 4, Application US/09092314
PATENT_NO. 6225292
GENERAL_INFORMATION:
APPLICANT: Raz, Eyal
TITLE_OF_INVENTION: Inhibitors of DNA Immunostimulatory
SEQUENCE_ACTIVITY: Sequence Activity
PATENT_NO. 6225292
FILE_REFERENCE: 6510-173US1
CURRENT_FILING_DATE: 1998-06-05
PRIOR_APPLICATION_NUMBER: 60/048, 794
PRIOR_FILING_DATE: 1997-06-06
NUMBER_OF_SEQ_ID_NOS: 11
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ_ID_NO 4
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER_INFORMATION: Oligonucleotide
US-09-092-314-4

Query Match 78.2%; Score 17.2; DB 4; Length 22;
Best Local Similarity 86.4%; Pred. No. 2.4; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1 tgactgtgacgttcagatga 22
Db 1 tgactgtgaaaccttagatga 22

RESULT 6
US-09-092-314-5
Sequence 5, Application US/09092314
; Sequence 5, Application US/09092314
PATENT_NO. 6225292
GENERAL_INFORMATION:
APPLICANT: Raz, Eyal
TITLE_OF_INVENTION: Inhibitors of DNA Immunostimulatory
SEQUENCE_ACTIVITY: Sequence Activity
PATENT_NO. 6225292
FILE_REFERENCE: 6510-173US1
CURRENT_APPLICATION_NUMBER: US/09/092, 314
CURRENT_FILING_DATE: 1998-06-05
PRIOR_APPLICATION_NUMBER: 60/048, 794
PRIOR_FILING_DATE: 1997-06-06
NUMBER_OF_SEQ_ID_NOS: 11
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ_ID_NO 5
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
US-09-092-314-5

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FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-092-314-5

Query Match	Score 70.9%	DB 4	Length 22
Best Local Similarity	81.8%	Pred. No. 16;	Mismatches 0;
Matches	18;	Conservative	Indels 0;
Qy	1 t tractgtgaaaccttcgagatga 22	Gaps 0;	
Db	1 t tractgtgaaaccttcgagatga 22		

RESULT 7
US-09-092-314-7
; Sequence 7, Application US/09092314
; Patent No. 6225292
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; APPLICANT: Roman, Mark
; TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
; TITLE OF INVENTION: Sequence Activity
; PATENT NO.: 6225292
; FILE REFERENCE: 6510-173US1
; CURRENT APPLICATION NUMBER: US/09-092-314
; CURRENT FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/048,794
; PRIOR FILING DATE: 1997-06-06
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-092-314-7

RESULT 9
US-08-391-615-7
; Sequence 7, Application US/08391615
; Patent No. 555054
; GENERAL INFORMATION:
; APPLICANT: Witte, Owen
; APPLICANT: Tsukada, Satoshi
; APPLICANT: Saffran, Douglas
; APPLICANT: Rawlings, David
; TITLE OF INVENTION: HEMATOPOIETIC RESTRICTED TYROSINE KINASE
; TITLE OF INVENTION: NUMBER OF SEQUENCES: 7
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEIR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94114-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/391,615
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/006,449
; FILING DATE: 21-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20,015
; REFERENCE/DOCKET NUMBER: A-57583-1/BIR UCLA 232-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299 FMT UR
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1418 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-391-615-7

RESULT 8
US-09-092-314-8
; Sequence 8, Application US/09092314
; Patent No. 6225292
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; APPLICANT: Roman, Mark
; TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
; TITLE OF INVENTION: Sequence Activity
; PATENT NO.: 6225292
; FILE REFERENCE: 6510-173US1
; CURRENT APPLICATION NUMBER: US/09-092-314
; CURRENT FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/048,794
; PRIOR FILING DATE: 1997-06-06
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 8
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-092-314-8

RESULT 10
US-09-092-314-9
; Sequence 2, Application US/09019931
; Patent No. 6194148

Query Match 70.9% Score 15.6; DB 1; Length 1418;
Best Local Similarity 81.8%; Pred. No. 29; Mismatches 4;
Matches 18; Conservative 0; Indels 0; Gaps 0;
Qy 1 t tractgtgaaaccttcgagatga 22
Db 218 TGACTTGTGAACTGGGAGA 239

GENERAL INFORMATION:

APPLICANT: Horii, Kunio, Takahashi, Takeo, Okada, Takao
 TITLE OF INVENTION: A Method For Detecting A Hybridized Nucleic Acid Molecule

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Friesauf, Holtz, Goodman, Langer & Chick
 STREET: 767 Third Avenue
 CITY: New York
 STATE: New York
 COUNTRY: USA

ZIP: 10017-2023

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3+ inch, 1.44 mb diskette

COMPUTER: IBM PC
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/391,615

FILING DATE:
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/006,449

FILING DATE: 21-JAN-1993

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/019,931

FILING DATE: 06-FEB-1998

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 9-025291

FILING DATE: 07-FEB-1997

ATTORNEY/AGENT INFORMATION:

NAME: Barth, Richard
 REGISTRATION NUMBER: 28,180

REFERENCE/DOCKET NUMBER: 980048/HG

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 319-4900
 TELEFAX: (212) 319-5101

TELEX:

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 1830

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

IMMEDIATE SOURCE:

LIBRARY: pGEX-PH

US-09-019-931-2

Query Match 70.9%; Score 15.6; DB 4; Length 1030;

Best Local Similarity 81.8%; Pred. No. 30; Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 tgacgtgacgtcgatgta 22

Db 881 TGACTTGACGTGGAGA 902

RESULT 11

US-08-391-615-1

Sequence 1, Application US/08391615

Patent No. 555054

GENERAL INFORMATION:

APPLICANT: Witte, Owen

APPLICANT: Tsukada, Satoshi

APPLICANT: Saffran, Douglas

APPLICANT: Rawlings, David

TITLE OF INVENTION: HEMATOPOIETIC RESTRICTED TYROSINE KINASE

TITLE OF INVENTION:

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fiehr, Rohbach, Test, Albritton & Herbert

STREET: 4 Embarcadero Center, Suite 3400

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-4187

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/804,196

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/454,353

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Gormley, Mary E.

REGISTRATION NUMBER: 34,409

TELECOMMUNICATION INFORMATION:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/391,615

FILING DATE:
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: A-57583-1/BIR UCLA 232-1

FILING DATE: 21-JAN-1993

ATTORNEY/AGENT INFORMATION:

NAME: Rowland, Bertina I

REGISTRATION NUMBER: 20,015

REFERENCE/DOCKET NUMBER: A-57583-1/BIR

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 781-1989

TELEFAX: (415) 398-3449

TELEX: 910 27299 FIR UR

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 2505 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: cDNA

FEATURE:

NAME/KEY: CDS

LOCATION: 137..2116

US-08-391-615-1

Query Match 70.9%; Score 15.6; DB 1; Length 2505;

Best Local Similarity 81.8%; Pred. No. 32; Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 tgacttgacgtggatgaa 22

Db 262 TGACTTGACGTGGAGA 283

RESULT 12

US-08-804-196-1/c

Sequence 1, Application US/08804196

Patent No. 5874256

GENERAL INFORMATION:

APPLICANT: Bertina, Rogier

APPLICANT: Reitsma, Pieter

APPLICANT: Reitsma, Pieter

TITLE OF INVENTION: A method for diagnosing an increased

risk for thrombosis or a genetic defect causing

thrombosis and kit for use with the same.

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Akzo NO. 5874256el Patent Department

STREET: 1300 Piccard Drive, Suite 206

CITY: Rockville

STATE: Maryland

COUNTRY: USA

ZIP: 20850

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/804,196

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/454,353

CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ for Windows Version 2.0
APPLICATION NUMBER: US/08/933,750C
FILING DATE: September 23, 1997
CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER:

FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.

REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0356 US

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555

TELEFAX: 415-845-4166

TELEX:

INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 1892 base pairs

TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: BRSINCT03

CLONE: 641127

US-08-933-750C-66

Query Match 69.1%; Score 15.2; DB 2; length 1892;
Best Local Similarity 85.0%; Pred. No. 49; Mismatches 3; Indels 0; Gaps 0;
Matches 17; Conservative 0;

Qy 1 tgactgtgaatgttcagat 20
Db 1278 TGATGTTGAAGGTTCGAGCT 1259

search completed: September 3, 2002, 04:25:20
Job time: 4122 sec